Chul Ho Lee

List of Publications by Year
in descending order

208	8,036	50566 48	62345 84
papers	citations	h-index	g-index

212	212	212	5273
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-temperature monolithic SiGe thermoelectric device directly heated by catalytic combustion. Applied Physics Letters, 2022, 120, .	1.5	6
2	Thermoelectric Module of SiGe Bulk Alloys Forming pâ€n Junction at the Hot Side. Advanced Engineering Materials, 2022, 24, .	1.6	6
3	Maximizing the performance of n-type Mg3Bi2 based materials for room-temperature power generation and thermoelectric cooling. Nature Communications, 2022, 13, 1120.	5.8	101
4	Elastoresistivity of Heavily Hole-Doped 122 Iron Pnictide Superconductors. Frontiers in Physics, 2022, 10, .	1.0	0
5	Possibility of N-type Doping in CaAl₂Si₂-type Zintl Phase Compound CaZn₂X₂ (X = As, P). Journal of the Physical Society of Japan, 2022, 91, .	0.7	2
6	An effective synthesis route for high-performance Î±-MgAgSb thermoelectric material. Journal of Materials Science, 2022, 57, 11265-11273.	1.7	3
7	Development of Combustor/Heat Exchanger-Integrated Thermoelectric Power Generation System for Autonomous Robots. Journal of the Robotics Society of Japan, 2021, 39, 120-124.	0.0	2
8	Demonstration of ultrahigh thermoelectric efficiency of âˆ¼7.3% in Mg3Sb2/MgAgSb module for low-temperature energy harvesting. Joule, 2021, 5, 1196-1208.	11.7	205
9	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. Nature Physics, 2021, 17, 1254-1259.	6.5	41
10	A strategy for boosting the thermoelectric performance of famatinite Cu₃SbS₄. Physical Chemistry Chemical Physics, 2020, 22, 2081-2086.	1.3	29
11	Oxygen Deficiency Dependence of Pressure Effects on Superconducting Critical Temperatures of Perovskite-related Mixed-anion Layered Compound Sr2VFeAsO3âˆ’Î´. Journal of the Physical Society of Japan, 2020, 89, 114712.	0.7	0
12	Thermoelectric properties of NaZn4-Cu As3 crystalized in the rhombohedral structure. Journal of Solid State Chemistry, 2020, 291, 121588.	1.4	1
13	Thermoelectric Properties of $${hbox {La}}_{1-x}{hbox {Sr}}_x{hbox {ZnAsO}}$$. Journal of Electronic Materials, 2020, 49, 6715-6720.	1.0	1
14	Elastoresistance measurements on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaKFe</mml:mi><mml:mn>4</mml:mn></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCa</mml:mi><mml:mn>2</mml:mn></mm mat. Physical Review B, 2020, 102, .	1.1	14
15	Superconductivity with broken time-reversal symmetry inside a superconducting s-wave state. Nature Physics, 2020, 16, 789-794.	6.5	59
16	Enargite Cu₃PS₄: A Cuâ€“Sâ€Based Thermoelectric Material with a Wurtziteâ€Derivative Structure. Advanced Functional Materials, 2020, 30, 2000973.	7.8	25
17	Thermoelectric Properties of (Ba,K)Zn₂As₂ Crystallized in the ThCr₂Si₂-type Structure. Inorganic Chemistry, 2020, 59, 5828-5834.	1.9	13
18	Isotropic parallel antiferromagnetism in the magnetic field induced charge-ordered state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi>Ru</mml:mi><mml:m mathvariant="normal">P</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math> caused by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mo>âˆ’</mml:mo><mml:mi>f</mml:mi></mml:math	1.1	1

#	Article	IF	Citations
19	Thermoelectrics: An Integrated Approach to Thermoelectrics: Combining Phonon Dynamics, Nanoengineering, Novel Materials Development, Module Fabrication, and Metrology (Adv. Energy) Tj ETQq1 1 0.784314 rgBT /Overlock	10.2	4
20	Effect of partial Yb filling on thermoelectric properties of skutterudite compound RhSb3. Japanese Journal of Applied Physics, 2019, 58, 081006.	0.8	5
21	Electronic structure and thermoelectric properties of Sn1.2â^'xNbxTi0.8S3 with a quasi-one-dimensional structure. Journal of Applied Physics, 2019, 125, 175111.	1.1	6
22	Effect of Planar Rattling on Suppression of Thermal Conductivity in Thermoelectric Materials. Journal of the Physical Society of Japan, 2019, 88, 041009.	0.7	11
23	Anomalous peak effect in iron-based superconductors Ba1â^'xKxFe2As2 (x â‰ˆ 0.69 and 0.76) for magnetic-field directions close to the ab plane and its possible relation to the spin paramagnetic effect. Physical Review B, 2019, 99, .	1.1	5
24	An Integrated Approach to Thermoelectrics: Combining Phonon Dynamics, Nanoengineering, Novel Materials Development, Module Fabrication, and Metrology. Advanced Energy Materials, 2019, 9, 1801304.	10.2	26
25	Orbital-anisotropic electronic structure in the nonmagnetic state of BaFe2(As1â^'xP x)2 superconductors. Scientific Reports, 2018, 8, 2169.	1.6	9
26	Effect of Te substitution on crystal structure and transport properties of AgBiSe₂thermoelectric material. Dalton Transactions, 2018, 47, 2575-2580.	1.6	38
27	Retreat from Stress: Rattling in a Planar Coordination. Advanced Materials, 2018, 30, e1706230.	11.1	57
28	Mass Enhancements and Band Shifts in Strongly Hole-Overdoped Fe-Based Pnictide Superconductors: KFe2As2 and CsFe2As2. Journal of Superconductivity and Novel Magnetism, 2018, 31, 777-783.	0.8	6
29	Effect of rattling motion without cage structure on lattice thermal conductivity in LaOBiS2â^'xSex. Applied Physics Letters, 2018, 112, .	1.5	29
30	Thermoelectric properties of (Ba,K)Cd₂As₂ crystallized in the CaAl₂Si₂-type structure. Dalton Transactions, 2018, 47, 16205-16210.	1.6	19
31	Thermoelectric properties of partially filled skutterudites R_xCo₄Sb₁₂ (R = Ce and Nd) synthesized under high pressures. Japanese Journal of Applied Physics, 2018, 57, 125506.	0.8	10
32	Influence of Oxidation in Starting Material Sn on Electric Transport Properties of SnSe Single Crystals. Journal of the Physical Society of Japan, 2018, 87, 065001.	0.7	8
33	Anisotropic GrÃ¼neisen Parameter and Diverse Order Parameter Fluctuations in Iron-Based Superconductor Ba(Fe_{1â^'}_xCo_x)₂As₂. Journal of the Physical Society of Japan, 2018, 87, 074710.	0.7	15
34	Thermoelectric Properties of As-Based Zintl Compounds Ba_{1â€“x}K_xZn₂As₂. Inorganic Chemistry, 2017, 56, 3709-3712.	1.9	22
35	Evolution of the superconducting gap in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>Ba</mml:mi><mml:mo>(</mml:mo><mm	1.1	2
36	Crystal structure, site selectivity, and electronic structure of layered chalcogenide LaOBiPbS₃. Europhysics Letters, 2017, 119, 26002.	0.7	20

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37	Anisotropic resonance modes emerging in an antiferromagnetic superconducting state. Scientific Reports, 2017, 7, 10307.	1.6	13
38	Control of Chiral Magnetism Through Electric Fields in Multiferroic Compounds above the Long-Range Multiferroic Transition. Physical Review Letters, 2017, 119, 177201.	2.9	24
39	Superconductivity with broken time-reversal symmetry in ion-irradiated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Ba</mml:mi><mml:mrow><mml:mn mathvariant="bold">0</mml:mn><mml:mo>.</mml:mo><mml:mn mathvariant="bold">27</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mrow><mml:mn mathvariant="bold">0</mml:mn><mml:mo>.</mml:mo>	1.1	42
40	Antiferroic electronic structure in the nonmagnetic superconducting state of the iron-based superconductors. Science Advances, 2017, 3, e1700466.	4.7	17
41	Compositional and temperature evolution of crystal structure of new thermoelectric compound LaOBiS_{2â^'}_xSe_x. Journal of Applied Physics, 2016, 119, 155103.	1.1	29
42	Electronic Origins of Large Thermoelectric Power Factor of LaOBiS_{2â^'}_xSe_x. Journal of the Physical Society of Japan, 2016, 85, 074702.	0.7	27
43	Suppression of spin-exciton state in hole overdoped iron-based superconductors. Scientific Reports, 2016, 6, 23424.	1.6	15
44	Simultaneous evidence for Pauli paramagnetic effects and multiband superconductivity inKFe2As2by small-angle neutron scattering studies of the vortex lattice. Physical Review B, 2016, 93, .	1.1	6
45	Single-Crystal Growth of Ba_{1â^'}_xK_xFe₂As₂ by KAs Self-Flux Method. Journal of the Physical Society of Japan, 2016, 85, 034718.	0.7	20
46	Spin excitations in hole-overdoped iron-based superconductors. Scientific Reports, 2016, 6, 33303.	1.6	14
47	Absence of superconductivity in the collapsed tetragonal phase of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>KF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">s</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>under	1.1	12
48	In-plane electronic anisotropy in the antiferromagnetic orthorhombic phase of isovalent-substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mo> Physical Review B, 2015, 92, .	1.1	7
49	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. Nature Physics, 2015, 11, 177-182.	6.5	35
50	Synthesis, structure, and phase diagram of (Sr_{1â^'}_xNa_x)Fe₂As₂superconductors. Superconductor Science and Technology, 2015, 28, 062001.	1.8	17
51	High thermoelectric performance and low thermal conductivity of densified LaOBiSSe. Applied Physics Express, 2015, 8, 111801.	1.1	43
52	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe2As2 revealed by angle-resolved photoemission spectroscopy. Frontiers in Physics, 2014, 2, .	1.0	39
53	Strong Electronic Correlations in Iron Pnictides: Comparison of Optical Spectra for BaFe₂As₂-Related Compounds. Journal of the Physical Society of Japan, 2014, 83, 104703.	0.7	24
54	Anisotropic magnetic form factor in a detwinned single crystal ofBaFe2As2. Physical Review B, 2014, 90, .	1.1	1

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55	Anisotropy of incommensurate magnetic excitations in slightly overdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi	1.1	22
56	Evidence of a universal relation between electron-mode coupling andTcinBa1âˆ'xKxFe2As2superconductor from laser angle-resolved photoemission spectroscopy. Physical Review B, 2014, 90, .	1.1	5
57	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaNi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	1.1	18
58	Two distinct superconducting states inKFe2As2under high pressure. Physical Review B, 2014, 89, .	1.1	24
59	Superconductivity at the highest transition temperature of 8.1 K in a simple cubic Au_xSb_{1âˆ'xâˆ'y}Te_yalloy system	1.8	4
60	Evidence for excluding the possibility of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math>-wave superconducting-gap symmetry in Ba-doped KFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn><<	1.1	39
61	Pseudogap formation above the superconducting dome in iron pnictides. Physical Review B, 2014, 89, .	1.1	77
62	Superconductivity at 4.4 K in Ba₂Bi₃. Superconductor Science and Technology, 2014, 27, 072001.	1.8	8
63	Thermodynamic Study of Nodal Structure and Multiband Superconductivity of KFe₂As₂. Journal of the Physical Society of Japan, 2014, 83, 013704.	0.7	25
64	Doping evolution of the quasiparticle excitations in heavily hole-doped Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>K<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math	1.1	41
65	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow mathvariant="normal">BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq1 1 0	1.1	12
66	In-situ observation of synthesizing process of MmxCo4Sb12 utilizing x-ray diffraction under high temperatures and high pressures. Journal of Physics: Conference Series, 2014, 502, 012017.	0.3	4
67	Normal-state charge dynamics in doped BaFe2As2: Roles of doping and necessary ingredients for superconductivity. Scientific Reports, 2014, 4, 5873.	1.6	48
68	Anisotropy of the superconducting gap in the iron-based superconductor BaFe2(As1-xPx)2. Scientific Reports, 2014, 4, 7292.	1.6	25
69	Spin Fluctuation of Fe-based Superconductors. Hamon, 2014, 24, 182-185.	0.0	0
70	Selective Raman Scattering Detection of the Dirac Node and the Anti-node of the Spin Density Wave Gap and Magnetic Excitations in BaFe2As2. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1179-1183.	0.8	4
71	Crossover from bad to good metal in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>	1.1	49
72			

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73	Probing the anisotropic vortex lattice in the Fe-based superconductor KFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>using small-angle neutron scattering. Physical Review B, 2013, 88, .	1.1	8
74	Fermi-surface reconstruction involving two van Hove singularities across the antiferromagnetic transition in BaFe2As2. Solid State Communications, 2013, 157, 16-20.	0.9	6
75	Discovery of the Ca4Al2O6Fe2Pn2 â€œAl-42622(Pn)â€•and Ca3Al2O5Fe2Pn2 â€œAl-32522(Pn)â€•(Pn=As, P) superconductors. Physica C: Superconductivity and Its Applications, 2013, 484, 12-15.	0.6	6
76	Effect of Doping on the Magnetostructural Ordered Phase of Iron Arsenides: A Comparative Study of the Resistivity Anisotropy in Doped BaFe₂As₂ with Doping into Three Different Sites. Journal of the American Chemical Society, 2013, 135, 3158-3163.	6.6	43
77	Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-Based Superconductors. Physical Review Letters, 2013, 110, 107007.	2.9	73
78	Effects of Zn substitution on the electronic structure of BaFe2As2revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 87, .	1.1	10
79	Anisotropy of the In-Plane Resistivity of Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’	2.9	95
80	Strange Inter-Layer Properties of Ba(Fe_{1-x}Co_x)₂As₂ Appearing in Ultrasonic Measurements. Journal of the Physical Society of Japan, 2013, 82, 114604.	0.7	20
81	Publisherâ€™s Note: Dependence of Carrier Doping on the Impurity Potential in Transition-Metal-Substituted FeAs-based Superconductors [Phys. Rev. Lett.110, 107007 (2013)]. Physical Review Letters, 2013, 110, .	2.9	5
82	Universality of the Dispersive Spin-Resonance Mode in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi>	2.9	24
83	Hysteretic superconducting resistive transition in Ba0.07K0.93Fe2As2. Physical Review B, 2013, 87, .	1.1	24
84	Splitting of Resonance Excitations in Nearly Optimally Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mn>0.94</mml:mn></mml:msub><mml:msub	2.9	53
85	An Inelastic Neutron Scattering Study with Polarization A. Physical Review Letters, 2013, 110, 137001. Quantum oscillations in iron-based superconductors: BaFe2As2vs. KFe2As2. Journal of Physics: Conference Series, 2013, 449, 012022.	0.3	2
86	II Dynamics of Lattices in SolidsThermoelectric Materials and Rattling Motion. Radioisotopes, 2013, 62, 509-515.	0.1	0
87	Structural Quantum Criticality and Superconductivity in Iron-Based Superconductor Ba(Fe_{1-x}Co_x)₂As₂. Journal of the Physical Society of Japan, 2012, 81, 024604.	0.7	177
88	Electronic reconstruction through the structural and magnetic transitions in detwinned NaFeAs. New Journal of Physics, 2012, 14, 073019.	1.2	87
89	Octet-Line Node Structure of Superconducting Order Parameter in KFe ₂ As ₂. Science, 2012, 337, 1314-1317.	6.0	215
90	Effect of Co Doping on the In-Plane Anisotropy in the Optical Spectrum of Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’ Physical Review Letters, 2012, 109, 217003.	2.9	65

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91	Change in the energy gap of superconducting Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	56
92	Inverse-photoemission spectroscopy of iron-based superconductors NdFeAsO_{1â^’Î´}and Ba(Fe_{1â^’x}Co_x)₂As₂. Journal of Physics: Conference Series, 2012, 391, 012137.	0.3	0
93	Elastic Anomalies Associated with superconducting phase transitions in Iron-based Superconductor Ba(Fe1â^’xCox)2As2. Journal of Physics: Conference Series, 2012, 400, 022037.	0.3	0
94	Magnetic Penetration Depth in the FeAs-Based Superconductor KFe₂As₂. Journal of the Physical Society of Japan, 2012, 81, SB046.	0.7	2
95	Flux-line lattice state in FeAs-based superconductor KFe2As2. Journal of Physics: Conference Series, 2012, 400, 022087.	0.3	2
96	Study of Neutron Diffraction on 154SmRu4P12 Single Crystal. Journal of the Physical Society of Japan, 2012, 81, 063702.	0.7	13
97	NMR study of hole-doped iron-pnictide superconductor Ba_{1â^’x}K_xFe₂As₂(x= 0.27â^’1). Journal of Physics: Conference Series, 2012, 400, 022026.	0.3	1
98	Cyclotron Resonance in Fe-based Superconductor KFe₂As₂. Journal of Physics: Conference Series, 2012, 400, 022054.	0.3	1
99	Growth of BaFe₂(As_{1-x}P_x)₂Single Crystals (0â‰¤xâ‰¤1) by Ba₂As₃/Ba₂P₃-Flux Method. Journal of the Physical Society of Japan, 2012, 81, 104710.	0.7	54
100	Universal Heat Conduction in the Iron Arsenide Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Evidence of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-Wave State. Physical Review Letters, 2012, 109, 067001.	2.9	155
101	Potential Antiferromagnetic Fluctuations in Hole-Doped Iron-Pnictide Superconductor Ba_{1-x}K_xFe₂As₂ Studied by ⁷⁵As Nuclear Magnetic Resonance Measurement. Journal of the Physical Society of Japan, 2012, 81, 054704.	0.7	47
102	Disappearance of Superconductivity in the Solid Solution between (Ca4Al2O6)(Fe2As2) and (Ca4Al2O6)(Fe2P2) Superconductors. Journal of the American Chemical Society, 2012, 134, 15181-15184.	6.6	9
103	Magnetic Dispersion and Anisotropy in Multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BiFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 067205.	2.9	89
104	From d-wave to s-wave pairing in the iron-pnictide superconductor (Ba,K)Fe₂As₂. Superconductor Science and Technology, 2012, 25, 084013.	1.8	50
105	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in LiFeAs. Science, 2012, 336, 563-567.	6.0	151
106	Large elastic anomalies and strong electron-lattice coupling in iron-based superconductor Ba(Fe1â^’xCox)2As2. Solid State Communications, 2012, 152, 680-687.	0.9	5
107	Relationship between crystal structure and superconductivity in iron-based superconductors. Solid State Communications, 2012, 152, 644-648.	0.9	69
108	Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe2(As,P)2 with low energy photons. Solid State Communications, 2012, 152, 695-700.	0.9	8

#	Article	IF	Citations
109	Emergence of Superconductivity in â€œ32522â€•Structure of (Ca₃Al₂O_{5â€“y})(Fe₂Pn₂) (Pn = As and) Tj ET Qq1 1 0.78431 r	1.6	0
110	The Fermi Chopper Spectrometer 4SEASONS at J-PARC. Journal of the Physical Society of Japan, 2011, 80, SB025.	0.7	128
111	Gap in KFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow	1.1	53
112	Cyclotron Resonance and Mass Enhancement by Electron Correlation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Physical Review Letters, 2011, 107, 166402.	2.9	12
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